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| Application Number     | 10/825,867           |
| Filing Date            | April 16, 2004       |
| First Named Inventor   | Jason W. Chin        |
| Group Art Unit         | 4664                 |
| Examiner Name          | Kagnew H. Gebreyesus |
| Attorney Docket Number | 54A-000240US         |
| Date Submitted         | January 9, 2009      |

## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

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## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

| Examiner<br>Initials | Cite<br>No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T |
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|                      | 1           | CROPP AND SCHULTZ (2004) "An expanding genetic code." <i>TRENDS in Genetics</i> , 20(2): 625-630.                                                                                                                                                               |   |
|                      | 2           | DEITERS ET AL. (2003) "Adding Amino Acids with Novel Reactivity to the Genetic Code of <i>Saccharomyces Cerevisiae</i> ." <i>Journal of the American Chemistry Society</i> , 125: 11782-11783.                                                                  |   |
|                      | 3           | ERIANI ET AL. (1990) "Partition of tRNA synthetases into two classes based on mutually exclusive sets of sequence motifs." <i>Nature</i> , 347: 203-206.                                                                                                        |   |
|                      | 4           | FUKUNAGA ET AL. (2006) "Misacylation of Yeast Amber Suppressor tRNA <sup>Tyr</sup> by E. coli Lysyl-tRNA Synthetase and Its Effect Repression by Genetic Engineering of the tRNA Sequence." <i>Journal of Biochemistry</i> , 139: 689-696.                      |   |
|                      | 5           | RESHETNYAK AND BURSTEIN (2001) "Decomposition of Protein Tryptophan Fluorescence Spectra into Log-Normal Components. II. The Statistical Proof of Discreteness of Tryptophan Classes in Proteins." <i>BIOPHYSICAL JOURNAL</i> , 81: 1710-1734.                  |   |

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| Examiner<br>Signature | /Kagnew Gebreyesus/ | Date<br>Considered | 07/06/2009 |
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